

# Temperature dependence of the isomeric mossbauer-spectrum shift of weakly covalent compounds of the Fe<sup>3+</sup> ion

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## Abstract

Consideration is given to the question of how the displacement of the 4S shells of the Fe<sup>3+</sup> ion with respect to the nucleus accompanying the temperature oscillations of atoms in a crystal affects the temperature dependence of the isomeric shift of the Mossbauer spectrum. © 1978 Plenum Publishing Corporation.

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